

Maryland Historical Trust

Maryland Inventory of Historic Properties number: B-4571

Name: ~~BE~~ MONROE ST. OVER CHESSIE SYSTEM

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridge received the following determination of eligibility.

MARYLAND HISTORICAL TRUST	
Eligibility Recommended _____	Eligibility Not Recommended <u>X</u>
Criteria: <u> </u> A <u> </u> B <u>X</u> C <u> </u> D Considerations: <u> </u> A <u> </u> B <u> </u> C <u> </u> D <u> </u> E <u> </u> F <u> </u> G <u> </u> None	
Comments: _____ _____ _____	
Reviewer, OPS: <u>Anne E. Bruder</u>	Date: <u>3 April 2001</u>
Reviewer, NR Program: <u>Peter E. Kurtze</u>	Date: <u>3 April 2001</u>

Just

Maryland Inventory of Historic Properties MHT Number B-4571
Historic Bridge Inventory
Maryland State Highway Administration
Maryland Historical Trust

Name and SHA No. BC 5215

Location:

Street/Road Name and Number: Monroe Street over Chessie System

City/Town:Baltimore Vicinity

County:

Ownership: State County X Municipal Other

This bridge projects over: Road X Railway Water Land

Is the bridge located within a designated district: yes X no

 NR listed district NR determined eligible district

 locally designated other

Name of District

Bridge Type:

 Timber Bridge

 Beam Bridge Truss-Covered Trestle

 Timber-and-Concrete

 Stone Arch

 Metal Truss

 Movable Bridge

 Swing Bascule Single Leaf Bascule Multiple Leaf

 Vertical Lift Retractable Pontoon

X Metal Girder

 X Rolled Girder Rolled Girder Concrete Encased

 Plate Girder Plate Girder Concrete Encased

 Metal Suspension

 Metal Arch

☐ Metal Cantilever

☐ Concrete

☐ Concrete Arch ☐ Concrete Slab ☐ Concrete Beam

☐ Rigid Frame

☐ Other Type Name _____

Description:

Describe Setting: Bridge Number BC5215 carries Monroe Street in a generally north-south direction over Chessie System tracks in the City of Baltimore, Maryland. The approach to the roadway is rising and has four lanes. The area around this bridge is urban and residential. The structures in the vicinity of this bridge are generally from the early nineteenth century.

Describe Superstructure and Substructure: Bridge Number BC5215 is a four span structure, measuring 290 feet in total length. Bridge Number BC5215 is a rolled I-beam girder structure. The roadway width from curb to curb is 55.8 feet and the total deck width is 66 feet. There are sidewalks on both sides of the bridge and the width of each is four feet.

The superstructure is composed of a rolled steel I-beam girder deck bridge. There are four spans in the main bridge unit and no approach units. The spans are 72, 70, 70, and 72 feet long. There are twelve stringers in the structure. The stringer spacing averages six feet. The floor system is composed of concrete cast-in-place. The joints are made of a steel sliding plate. There are two rectangular concrete parapets. There is little ornamentation. There are no historical plaques.

The substructure is composed of concrete cantilever abutments and concrete wing walls. The piers and columns are also concrete. There is no ornamentation. There are no historical plaques.

The condition of this bridge is currently rated fair, with some advanced section loss, deterioration and spalling.

Discuss Major Alterations: There has been one major alteration to this structure. This occurred in 1956 and involved a complete replacement of all structural elements. Alterations more recent than this were not found in the records although some elements (safety fence, deck and surface) appear to be quite recent.

History:

When Built: 1900, reconstructed 1956

Why Built: Increased traffic density necessitated a structure with an increased load capacity.

Who Built: State Roads Commission

Why Altered:

Was this bridge built as part of an organized bridge building campaign:

Surveyor Analysis:

This bridge may have NR significance for association with:

- ☐ A Events ☐ Person
☐ C Engineering/Architectural

Was this bridge constructed in response to significant events in Maryland or local history:
No.

When the bridge was built and/or given a major alteration, did it have a significant impact on the growth and development of the area?

Yes. Bridge BC5215 had a significant impact on the Monroe Street area. The ability to access the markets and employment potential of Baltimore City would have been seriously limited to locals had this bridge not been built. The steady outward growth of Baltimore City necessitated the steady growth of a sufficient transportation network. The construction of bridge BC5215 would have been a significant part of this development. The neighborhoods of Monroe Street would have all been directly impacted.

Is the bridge located in an area which may be eligible for historic designation and would the bridge add to or detract from historic and visual character of the possible district?

Yes. Bridge BC5215 is located in an area that has had an important and significant impact on the history of Baltimore City, Maryland. The neighborhood of the Mount Claire Mansion has had a long history. This structure serves this neighborhood and the industry where the locals probably worked. However the expansion of any historic district would not entail the inclusion of this bridge. This bridge is too new. The loss of this bridge would NOT negatively impact the historic and visual significance of this area.

Is the bridge a significant example of its type?

No. Bridge BC5215 is a common type of metal girder bridge. Metal girder bridges were built prolifically in Maryland from the late nineteenth century to the present day. There is nothing to set this bridge apart from others of its type. There are numerous other examples of this bridge available.

Does the bridge retain integrity of the important elements described in the Context Addendum?

No. This bridge is not old enough.

Should this bridge be given further study before significance analysis is made and Why?

No. This bridge does not retain sufficient elements of historical structural integrity to qualify for further study.

Bibliography:

Baltimore City Inspection and Bridge Files, Baltimore, Maryland.

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1900-15 Annual Report of the Chief Engineer. Baltimore, Maryland.

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Hopkins, G.M.

1977 Atlas of Baltimore, Maryland. Philadelphia, Pennsylvania.

Maryland Department of Transportation

1976 Bicentennial Byways: A Series of Articles on the History of Maryland Roads. Baltimore, Maryland.

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1993 Bridge Inventory. Baltimore, Maryland.

Maryland Historic Trust

1970-95 Historic Resources Survey Form Files, Maryland Historical Trust Library. Crownsville, Maryland.

Spero, P.A.C. & Company, and Louis Berger & Associates

1994 Historic Bridges in Maryland: Historic Bridge Context. Baltimore, Maryland.

U.S. Department of the Interior

1990 National Register Bulletin Number 15. National Park Service. Washington D.C.

U.S. Department of Transportation

1991 Bridge Inspectors Manual. Federal Highway Administration. Washington D.C.

Surveyor:

Name: Andrew M. Watts **Date:** March 1996

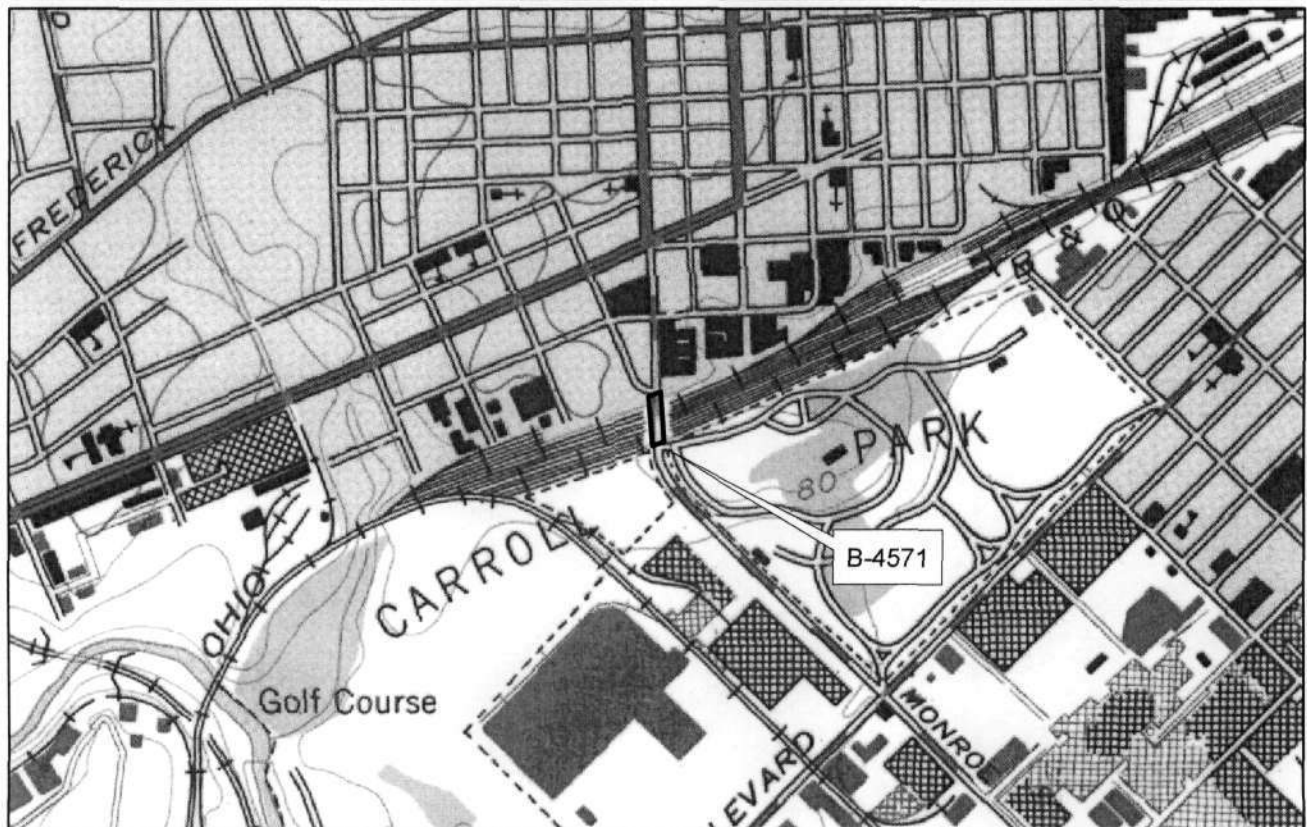
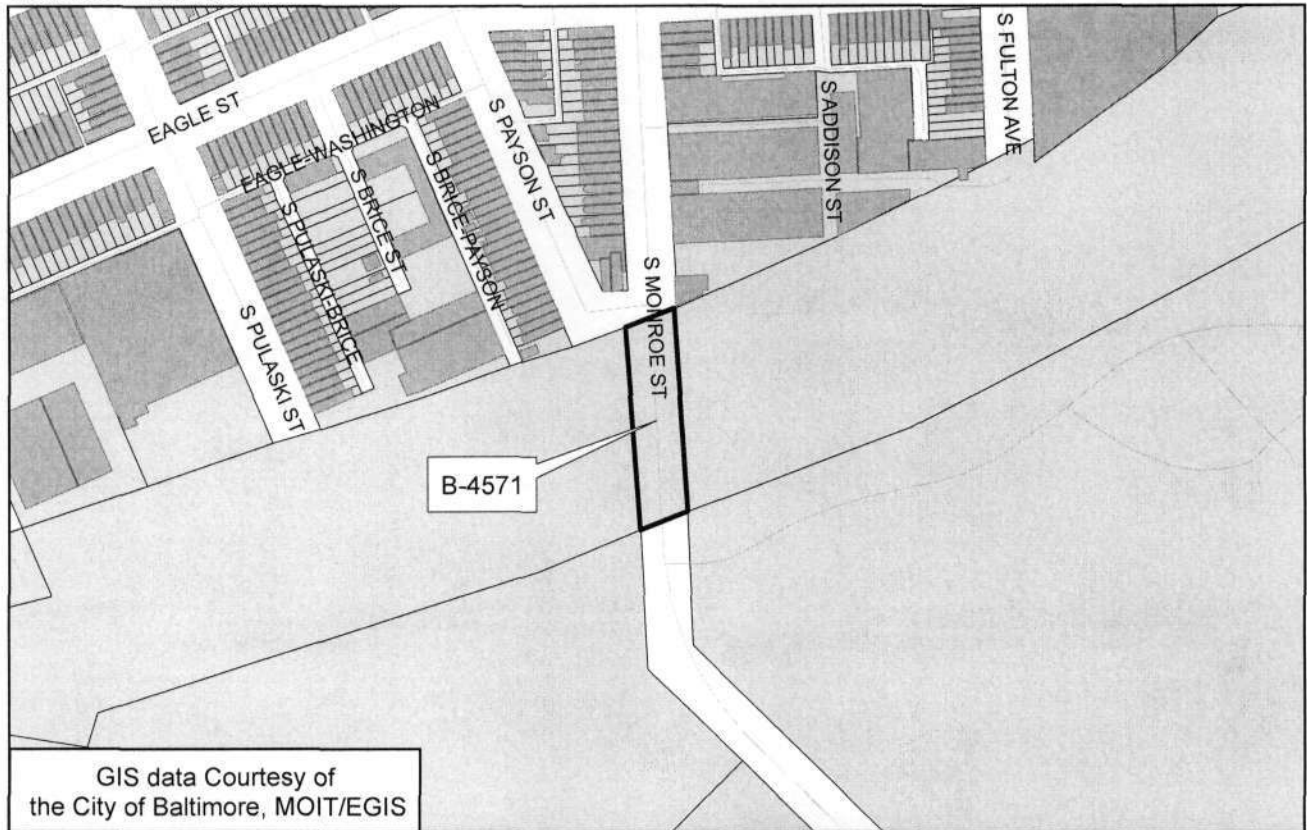
Organization: State Highway Admin. **Telephone:** (410) 321-2213

Address: 2323 West Joppa Road Brooklandville, MD 21022

Maryland Historic Highway Bridges
Bridge Type Metal Girder B-4571
Map D-12 Baltimore SW
County Baltimore City
Bridge # and name BC 5215/Monroe
Street over Chessie Railroad



B-4571
Bridge 5215
Monroe Street over Chessie System
Baltimore City
Baltimore West Quad





Inventory # B-4571

Name 5215-MONROE STREET OVER CSX RR

County/State BALTIMORE CITY/MD

Name of Photographer TIM SCHEN

Date 1/95

Location of Negative SAA

Description NORTH APPROACH

Number 1 of 36 5

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED



Inventory # B-4571

Name 5215 MONROE STREET OVER ~~CS~~ RR

County/State BALTIMORE CITY/MD

Name of Photographer TIM SCHEN

Date 1/95

Location of Negative SHA

Description SOUTH APPROACH

Number 2 of 36 5

REPRODUCTION



Inventory # B-4571

Name 5215-MONROE STREET OVER CSX RR

County/State BALTIMORE CITY / MD

Name of Photographer TIM SCHÖEN

Date 1/95

Location of Negative SHA

Description WEST ELEVATION

Number 3 of 36 5



Inventory # B-4571

Name 5215 - MONROE STREET OVER CSX RR

County/State BALTIMORE CITY / MD

Name of Photographer TIM SCHOEN

Date 1/95

Location of Negative SHA

Description EAST ELEVATION

Number 4 of 26 5



Inventory # B-4571

Name 5215 MONROE STREET OVER CSX RR

County/State BALTIMORE CITY / MD

Name of Photographer TIM SCHWEN

Date 1/95

Location of Negative SNA

Description MOUNT CLARE MANSION
SOUTH EAST OF BRIDGE

5
Number 12 of 365

RECEIVED PHOTOGRAPHY